

# XP-002102367

1/1 - (C) WPI / DERWENT  
AN - 81-78586D 43!  
AP - JP800019549 800218  
PR - JP800019549 800218  
TI - High combustion efficiency fuel compsn. - prepd. by  
dispersive addn. of small amt. of methanol and water to  
heavy oil  
IW - HIGH COMBUST EFFICIENCY FUEL COMPOSITION PREPARATION  
DISPERSE ADD AMOUNT METHANOL WATER HEAVY OIL  
PA - (HARM ) HARIMA KASEI KOGYO KK  
- (NICH-N) NIPPON CHEM TECH CONSULT  
PN - JP56115395 A 810910 DW8143 002pp  
- JP59000547B B 840107 DW8405 000pp  
ORD - 1981-09-10  
IC - C10L1/18  
FS - CPI  
DC - H06  
AB - J56115395 Fuel compsn. is prepd. by dispersive addn. of  
a small amt. of methanol and water to heavy oil. Pref.  
heavy oil is petroleum heavy oil, crude oil, asphalt,  
asphalt-contg. fuel oil, etc. Pref. methanol is  
industrial methanol or methanol contg. higher alcohols.  
Surface active agent and electrolyte may be added to  
methanol.  
- Dispersed fine particles of methanol in heavy oil are  
uniformalised and stabilised by addn. of water.  
Formation of free carbon (i.e. formation of soot or  
coke) and nitrogen oxide at the time of combustion of  
heavy oil is restrained, i.e. combustion efficiency of  
heavy oil is improved.